

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|---|------|-----|-------|--|---|------------------|
| 1 | BRS | L1 | 61022 | (image or video or object) with (((position or location) with (size or area)) or extract\$3) | USPAT | 2004/08/20 08:31 |
| 2 | BRS | L2 | 78 | 1 and (rough near2 edge) | USPAT | 2004/08/20 08:31 |
| 3 | BRS | L3 | 26 | 2 and ((pipeline or parallel or lattice or array) with (process\$3 or comput\$3)) | USPAT | 2004/08/20 08:27 |
| 4 | BRS | L4 | 26 | 2 and 3 | USPAT | 2004/08/20 08:27 |
| 5 | BRS | L5 | 61142 | (image or video or object) with (((position or location) with (size or area)) or extract\$3) | EPO; JPO; DERWEN T; IBM_TD B | 2004/08/20 08:31 |
| 6 | BRS | L6 | 13 | 5 and (rough near2 (edge or outline)) | EPO; JPO; DERWEN T; IBM_TD B | 2004/08/20 08:32 |

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|----|------|-----|-------|---|---|------------------|
| 1 | BRS | L1 | 31376 | detect\$3 with (image or object) with (position or location) | USPAT | 2004/08/19 23:59 |
| 2 | BRS | L2 | 58394 | (detect\$3 or determin\$3 or obtain\$3) with (image or object) with (position or location) | USPAT | 2004/08/19 23:44 |
| 3 | BRS | L3 | 31193 | 2 and parallel | USPAT | 2004/08/19 23:44 |
| 4 | BRS | L4 | 3184 | 2 same parallel | USPAT | 2004/08/20 00:00 |
| 5 | BRS | L5 | 1171 | 2 same ((parallel or lattice or array) with (process\$3 or comput\$3)) | USPAT | 2004/08/20 00:01 |
| 6 | BRS | L6 | 49 | 5 and ((rough or estimat\$3 or predict\$3) with (edge or outline or contour or boundar\$3)) | USPAT | 2004/08/19 23:51 |
| 7 | BRS | L7 | 1516 | detect\$3 with (image or object) with (position or location) | EPO | 2004/08/20 00:00 |
| 8 | BRS | L8 | 0 | 2 same ((parallel or lattice or array) with (process\$3 or comput\$3)) | EPO | 2004/08/20 00:01 |
| 9 | BRS | L9 | 35567 | detect\$3 with (image or object) with (position or location) | EPO; JPO; DERWEN T; IBM_TD B | 2004/08/20 00:00 |
| 10 | BRS | L10 | 22 | 7 same ((parallel or lattice or array) with (process\$3 or comput\$3)) | EPO | 2004/08/20 00:01 |

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Zhiming Liu; Xin He; Jiliu Zhou; Guoqing Xiong;

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 Pages:1118 - 1121 vol.2

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Law, A.K.W.; Lam, F.K.; Chan, F.H.Y.;

[Engineering in Medicine and Biology, 2002. 24th Annual Conference and the Annual Fall Meeting of the Biomedical Engineering Society] EMBS/BMES Conference, 2002. Proceedings of the Second Joint , Volume: 2 , 23-26 Oct. : Pages:1055 - 1056 vol.2

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18 Trademark retrieval using contour-skeleton stroke classification
Wing Ho Leung; Tsuhan Chen;

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19 A novel approach for detecting human face with various poses
Zhiming Liu; Zhonglin Chen; Xin He; Jiliu Zhou; Guoqing Xiong;

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20 **Fast fuzzy edge detection**

Tizhoosh, H.R.;

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21 **Learning-based building outline detection from multiple aerial ima**

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22 **A wavelet approach to double-sided document image pair processi**

Ruini Cao; Chew Lim Tan; Peiyi Shen;

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23 **Rough and accurate segmentation of natural images using fuzzy region-growing algorithm**

Maeda, J.; Novianto, S.; Saga, S.; Suzuki, Y.; Anh, V.V.;

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24 **A DSP-based real time contour tracking system**

Gemignani, V.; Provvedi, S.; Demi, M.; Paterni, M.; Benassi, A.;

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25 **Learning two-dimensional shapes using wavelet local extrema**

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26 **Constrained contouring in polar coordinates**

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Chen, X.; Schmitt, F.;

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30 A computer vision system for analyzing images of rough hardwood lumber

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| 2 | BRS | L2 | 292 | 1 and ((rough or estimat\$3 or predict\$3) with (edge or outline or boundar\$3 or contour or silhoute)) | USPAT | 2004/02/22 21:52 |
| 3 | BRS | L3 | 153 | 2 and ((parallel or plural\$3 or lattice or array) with process\$3) | USPAT | 2004/02/22 21:53 |
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| 6 | BRS | L6 | 3 | 4 and ((parallel or plural\$3 or lattice or array) with process\$3) | EPO | 2004/02/22 21:50 |
| 7 | BRS | L7 | 2353 | (object or image) with (size or area) with shape | JPO | 2004/02/22 21:50 |
| 8 | BRS | L8 | 0 | 4 and ((parallel or plural\$3 or lattice or array) with process\$3) | JPO | 2004/02/22 21:50 |
| 9 | BRS | L9 | 91 | 7 and ((parallel or plural\$3 or lattice or array) with process\$3) | JPO | 2004/02/22 21:50 |
| 10 | BRS | L10 | 1 | 9 and ((rough or estimat\$3 or predict\$3) with (edge or outline or boundar\$3 or contour or silhoute)) | JPO | 2004/02/22 21:52 |
| 11 | BRS | L11 | 2067 | (object or image) with (size or area) with shape | DERWEN T | 2004/02/22 21:52 |
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| 13 | BRS | L13 | 0 | 11 and ((parallel or plural\$3 or lattice or array) with process\$3) | USPAT | 2004/02/22 21:53 |
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